COMMANDERS DIGEST

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China Nuclear Missile Test In Line with U.S. Estimates

RE DOCUM

The announcement by Red China on its test of a nuclear missile weapon does not change an earlier forecast by Secretary of Defense Robert S. McNamara, in which he estimated the course of Chinese nuclear development, according to U.S. officials.

Secretary McNamara told the North Atlantic Treaty Organization in Paris, Dec. 15, 1965:

"It is estimated that during the next two years the Chinese can produce enough fissionable material to conduct a modest test program and to stockpile a small number of fission weapons.

"They appear to be making an intensive effort to develop a medium-range ballistic missile which possibly could become operational as early as 1967.

"It is estimated that they could probably deploy several launchers by 1968 or 1969, and several dozen by 1976.

"It is probable that they have already begun an ICBM development program.

"This program could result in an initial deployment as early as 1975," Secretary McNamara concluded.

Navy Resumes LDO Program, But Restricts Procurement

Navy will reactivate its Limited Duty Officer Program in FY68 but will limit procurement to male chief warrant officers originally appointed after calendar year 1964 and serving in W-2 and W-3 grades.

Personnel selected under the new program will be tendered temporary appointments in the grade of ensign, commencing in FY69.

In the same personnel notice, Navy announced a concurrent warrant officer appointment program and its modifications.

Basic change is that only chief and first class petty officers, E-7 and E-6, will be considered for warrant officer appointments.

Master and senior chief petty officers, E-9 and E-8, will be excluded.

BUPERS also noted that eligibility for warrant officers will be reduced to a 31 year old maximum with an additional 14 year maximum for active naval service.

FLYING MEDIC—Pilot 1st Lt. Michael O. Moorman, USAF (left), helps Dr. (Capt.) Raymond G. Troxler, USAF, adjust his parachute before a flight in a B-57 Canberra. Capt. Troxler, a flight surgeon in Vietnam, joins combat crews flying reconnaissance missions to make first hand observations of the pressures fliers face.

Gen. Conway New CINC U.S. Strike Command

President Johnson has named Lt. Gen. Theodore J. Conway, USA, for assignment as CINC, U.S. Strike Command (STRICOM) and U.S. CINC, Middle East/ Southern Asia and Africa (MEAFSA).

Gen. Conway, presently CG, Seventh Army, Europe, was also named for recess appointment to grade of general. He succeeds Gen. Paul D. Adams, who retired Nov. 1.

The STRICOM CINC is responsible for conducting joint training, for developing joint doctrine and for providing a general reserve of combat-ready forces to reinforce other unified commands.

He is also responsible for planning and conducting U.S. defense activities in his capacity as U.S. CINC, MEAFSA. This includes the U.S. Military Assistance Program in the Middle East, Southern Asia and Africa south of the Sahara.

Since 1961 Gen. Conway has served as Commander, 82d Airborne Division; Chief, Joint U.S. Military Advisory Group in Thailand; Deputy Commanding General, Eighth U.S. Army in Korea; and Assistant Chief of Staff for Force Development, Headquarters, Department of the Army.

Washington Memos

AIR FORCE HAS informed commanders that selection of Colorado University to conduct independent "Unidentified Flying Objects" study does not alter Air Force responsibility to receive, investigate and evaluate UFO reports. Renewed emphasis was put on UFO reporting responsibility in AFR 80–17, replacing AFR 200–2. New regulation covers investigation and analysis of UFOs over U.S.

TOTAL NUMERICAL STRENGTH of armed services on Sept. 30, based on preliminary reports, was 3,228,377. This represents 44,732 increase over preceding month. September service strengths were: Army—1,310,144; Navy—739,902; Marine Corps—280,659; and Air Force—897,672. Figures represent full-time regular and reserve on continuous active duty and officer candidates including academy cadets and midshipmen.

DOD STATISTICS REVEAL that 5,630 U.S. service personnel lost their lives from actions by hostile forces in Vietnam from Jan. 1, 1961 through Oct. 22, 1966. Additionally, 1,206 died from non-hostile action causes.

CHRISTMAS MAILING DEADLINES to personnel in overseas areas remain Nov. 10 for regular mail and Dec. 10 for air mail. This late October reminder left unchanged deadlines set and publicized earlier by the Post Office and Defense departments. "No plans are being considered at this time for a special Department of Defense airlift of bulk collection Christmas gifts for Servicemen in Vietnam," the announcement said.

A $15 MILLION increment to a previously awarded contract for Talos guidance, control and airframe development is being awarded by Naval Systems Command to Bendix Mishawaka (Ind.) Division.

CAMP FOSTER is latest installation on Okinawa named after a Marine who earned Medal of Honor while fighting there in World War II. Camp is named for PFC William A. Foster who lost his life May 2, 1945, when he threw himself on an enemy grenade to protect fellow Marines.

GEN. PAUL D. ADAMS, who has retired as Commander-in-Chief, U. S. Strike Command, will be honored as America's outstanding Veteran of 1966 during 20th Annual National Veterans Day program in Birmingham, Ala. He is scheduled to receive Distinguished National Veterans Award.

MORE MUSCLE POWER through myoelectricity might one day allow a pilot glued to his seat by excessive g-forces to use his arms and legs to control his aircraft. Myoelectricity could do same thing for deep-sea divers said Office of Naval Research. Researchers are experimenting with a microminiature computer—about the size of a package of cigarettes—that is programmed to sort out and boost slightest muscle movement via silver electrodes attached to skin.

MARINE JUNIOR ROTC will be officially commissioned during Nov. 14 ceremonies by Gen. Wallace M. Greene Jr., Marine Corps Commandant, at Marine Military Academy in Harlingen, Tex. The high school is first to offer four-year junior ROTC course. Earlier this year Jesuit High School at New Orleans, La., activated three-year course. Recent legislation authorizes Marine Corps to establish 10 Junior ROTC programs in high schools across nation.

PARTICIPATING IN 20th Annual National Veterans Day program at Birmingham, Ala., Nov. 10-11, will be RAdm. James W. Kelly, CHC, USN, Chief of Chaplains. Chaplain Kelly will speak at inter-faith Memorial Services, held in church of different faith each year. He will also deliver invocation for National Veterans Award Dinner and World Peace Luncheon.

U. S. ARMY'S 1099TH Transportation Company (Medium boat), set new tonnage record for the third consecutive month, giving the 1st Logistical Command unit an additional record for the three-month quarter just ended. Using landing craft as tugboats, the transportation unit topped its previous quarterly tonnage figures in hauling more than a quarter million tons of military supplies from July to September.

ANTARCTIC AERONAUTICAL CHARTS in a series of seven have been updated and released by U.S. Naval Oceanographic Office at Suitland, Md. Known as V30–SP charts, or Antarctic Strip Charts Series 16384, individual charts are priced at $1.40 each.

A DECADE OF Thor missile operations was reached in late October when a Thor-Delta was launched from Cape Kennedy, Fla., carrying a communications satellite scheduled to remain in a "hover orbit" over the Pacific. More than 122 intermediate range ballistic Thor missiles have been test fired or used in national space program over past ten years.

SOME 435 EMPLOYEES of TAGO'S U.S. Army Data Support Command were scheduled to attend Zero Defects Kick-Off Day, Nov. 1. Introduction of "do it right the first time" program into USADATCOM is designed to increase responsiveness to customer needs.

NEW YORK AIRLIFT will be staged Nov. 5 and 6 by the Federal Aviation Agency to show how aircraft can be used when other transportation is paralyzed during an emergency or disaster. Dubbed "Metro Air Support 66", demonstration will involve 200 aircraft, including helicopters and featuring short take off and landings from parks, piers and city streets.

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Background for Commanders

THE MANILA SUMMIT CONFERENCE

(At the conclusion of the Oct. 24-25 Manila Conference, the nations represented—Australia, Republic of Korea, New Zealand, Philippines, Thailand, United States, Republic of Vietnam—issued a communique summarizing the proceedings. Excerpts from this appear below.)

We are united in our determination that the South Vietnamese people shall not be conquered by aggressive force and shall enjoy the inherent right to choose their own way of life and their own form of government. We shall continue our military and all other efforts, as firmly and as long as may be necessary, in close consultation among ourselves until the aggression is ended.

Our united purpose is peace—peace in South Vietnam and in the rest of Asia and the Pacific. Our common commitment is to the defense of the South Vietnamese people. Our sole demand on the leaders of North Vietnam is that they abandon their aggression. We are prepared to pursue any avenue which could lead to a secure and just peace, whether through discussion and negotiation or through reciprocal actions by both sides to reduce the violence.

We are united in looking to a peaceful and prosperous future for all of Asia and the Pacific.

The Military Effort

The Government of Vietnam described the significant military progress being made against aggression.

Nonetheless, the movement of forces from North Vietnam continues at a high rate and firm military action and free world support continue to be required to meet the threat. The necessity for such military action and support must depend for its size and duration on the intensity and duration of the Communist aggression itself.

The leaders reviewed the problem of prisoners of war. [They] observed that Hanoi has consistently refused to cooperate with the International Committee of the Red Cross in the application of the Geneva conventions, and called on Hanoi to do so.

Pacification and Revolutionary Development

The Vietnamese leaders stated their intent to train and assign a substantial share of the armed forces to clear-and-hold actions in order to provide a shield behind which a new society can be built.

Revolutionary development measures along the lines developed in the past year and a half will be expanded and intensified.

The Vietnamese Government is working out measures to modernize agriculture and to assure the cultivator the fruits of his labor.

Underlying these measures to build confidence and cooperation among the people there must be popular conviction that honesty, efficiency and social justice form solid cornerstones of the Government's programs.

Economic and Political Plans

The Vietnamese leaders reaffirmed that only by constant effort could inflation be kept under control. They [plan] to enforce a vigorous stabilization program, to control spending, increase revenues, and promote savings in order to hold the 1967 inflationary gap to the minimum.

The Vietnamese representatives described their plans for the building of an expanded postwar economy. Military installations where appropriate will be converted to this purpose.

The Vietnamese representatives stated their expectation that work on the constitution could be completed before March 1967. The constitution will then be promulgated and elections will be held within six months to select a representative government.

The Government of Vietnam declared its determination to open all doors to those Vietnamese who have been misled or coerced into casting their lot with the Viet Cong.

The Search for Peace

The Government of the Republic of Vietnam declared that the Vietnamese people, having suffered the ravages of war for more than two decades, were second to none in their desire for peace. These are the RVN's essentials for peace:

- **Cessation of Aggression.**
- **Preservation of Territorial Integrity.** The people of South Vietnam are defending their own territory. [They] have no desire to harm the people of the North or invade their country.
- **Reunification of Vietnam.** The partition brought about by the Geneva Agreements will be respected until, by the free choice of all Vietnamese, reunification is achieved.
- **Resolution of Internal Problems.** The people of South Vietnam seek to resolve their own internal differences and to this end are prepared to engage in a program of national reconciliation.
- **Removal of Military Forces.** The people of South Vietnam will ask their allies to remove their forces and evacuate their installations as the military and subversive forces of North Vietnam are withdrawn, infiltration ceases, and the level of violence thus subsides.
- **Effective Guarantees.** The people of South Vietnam insist that any negotiations leading to the end of hostilities incorporate effective international guarantees.

Doolittle Named New AF General Counsel

J. William Doolittle has been appointed General Counsel of the Air Force succeeding Stephen N. Shulman who became Chairman of the Equal Employment Opportunity Commission in September.

Mr. Doolittle received an A.B. degree from DePauw University in 1951 and was a member of Phi Beta Kappa. He was graduated magna cum laude from Harvard Law School in 1954.

He served in the Judge Advocate General's Corps, U.S. Army, from 1955 to 1957. His duties included assignment as legislative assistant in the Office of the Assistant Secretary of Defense for International Security Affairs.

He has been serving as Acting Assistant Attorney General in charge of the Civil Division, Department of Justice.

'Air Force Village' Design Completed

Preliminary design has been completed for construction of "Air Force Village," a retirement facility for female dependents of deceased officers.

The "village" will be located on a 15-acre hilltop site immediately adjacent to Lackland AFB, San Antonio, Tex., on land donated by leading San Antonio citizens and friends of the Air Force, Mr. and Mrs. Ray Ellison.

Village officials plan to start construction of the first increment next year, depending on whether the value of the donated land and contributed funds now on hand or being collected will be sufficient to establish the basis for required financing.

Preliminary concepts call for a high-rise building. Officials said eventually surrounding grounds will include a number of two-bedroom garden apartment units and a few three-bedroom units.

NEW CO—Capt. Lindsay C. McCarty, USN, has assumed duties as the 19th commanding officer of the heavy cruiser USS Newport News, permanent flagship of Commander Second Fleet. Capt. McCarty succeeded Capt. Theodore L. Balis.

AF Satellites Checking Cold-Welding Phenomenon

Two small Air Force satellites, moving in precise orbits around the earth, are investigating the phenomenon of cold welding in space. They were placed in orbit by separate launchings in mid-1966.

In-space cold welding results from surface adhesion or welding of two materials brought into contact under extremely high vacuum conditions. Air Force is interested in determining what effect cold welding will have on switches and other devices employing frequent metal-to-metal surface contacts during space operations.

Each satellite carries four solenoid valves and a solenoid actuator, powered by batteries and solar cells located on the satellite's exterior. The valves and actuator have metal-to-metal mating surfaces that will be brought together thousands of times while the vehicles are in orbit. The mating surfaces, constructed of different combinations of materials, are constantly exposed to the space environment.

Mail From Home Tops Holiday Priority List

More mail from home is what service personnel in the Republic of Vietnam want most during the coming holiday season, according to a USO survey conducted at its nine operating service clubs in RVN.

Pictures of families and sweethearts tallied a close second on questionnaires distributed to club visitors.

It was found that hometown newspapers and current popular magazines and paperbacks are much desired and appreciated. Other welcome gifts include small games, small toilet articles, pen and pencil sets, wallets, and other like items.

Homemade cakes, cookies and candies still rate high among the service personnel. USO cautions, however, that last year many goodies arrived in poor condition due to bad packaging by the sender.

New 'Monkey-in-Space' Program Study Underway

An extensive study is underway to determine how to keep two small monkeys in space from six months to one year to help biologists learn the long-term effects of weightlessness.

The concept under study consists of a small spacecraft capable of being carried aloft during the Saturn Apollo program. The spacecraft would contain an animal package for two or more unrestrained squirrel monkeys, and would be released by astronauts in orbit.

The animal package would be recovered by astronaut rendezvous and returned to Earth in the Apollo Command Module.

Condition of the animals would be continuously monitored by telemetry sensors, supported by a daily television transmission to Earth on command.

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